
U.S. Department of the Interior • U.S. Geological Survey

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BAUXITE AND ALUMINA IN THE THIRD QUARTER 1996

Domestic production of bauxite in the third quarter of 1996 was at about the same level as that of the previous quarter and 70% below that reported for the third quarter of 1995. The current proprietary nature of U.S. bauxite production data

precludes the disclosure of this information in a nonaggregate form.

U.S. trade data currently available through August allow the following comparisons:

| | Jan.-Aug. 1996* | Percentage change from Jan.-Aug. 1995 | Principal Source/Destination |
|-----------------------------------|--------------------|--|---|
| <u>Crude & Dried Bauxite:</u> | | | |
| Imports | 6,590 | +1% | Jamaica (39%), Guinea (34%), Brazil (19%), Guyana (7%) |
| Exports | 65 | +13% | Canada (81%), Japan (13%) |
| <u>Calcined Bauxite:</u> | | | |
| Imports | 262 | -10% | China (71%), Guyana (21%), Brazil (5%) |
| Exports | 28 | +128% | Japan (53%), Canada (29%), Mexico (12%) |
| <u>Alumina:</u> | | | |
| Imports | 2,790 | +4% | Australia (72%), Suriname (8%), Jamaica (8%) |
| Exports | 638 | +15% | Canada (81%), Russia (8%), Mexico (5%) |

* Thousand metric tons

Prepared by the Metals Section and the Data Collection and Coordination Section, December 6, 1996.

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TABLE 1
U.S. IMPORTS FOR CONSUMPTION AND EXPORTS OF CRUDE AND DRIED BAUXITE 1/

(Metric tons)

| Country | 1995 p/ | 1996 | | | |
|--------------------|-------------------|------------------|------------------|------------------|------------------|
| | | First quarter | Second quarter | July-August | Year to date 2/ |
| Imports: 3/ | | | | | |
| Brazil | 1,720,000 | 521,000 | 315,000 | 425,000 | 1,260,000 |
| Guinea | 3,890,000 | 832,000 | 897,000 | 513,000 | 2,240,000 |
| Guyana | 793,000 | 170,000 | 126,000 | 149,000 | 445,000 |
| Jamaica 4/ | 3,550,000 | 946,000 | 1,000,000 | 623,000 | 2,570,000 |
| Other | 164,000 | 544 | 66,100 | 4,310 | 70,900 |
| Total | 10,100,000 | 2,470,000 | 2,410,000 | 1,710,000 | 6,590,000 |
| Exports: | | | | | |
| Canada | 82,500 | 23,300 | 16,400 | 12,800 | 52,500 |
| Mexico | 1,060 | 63 | 105 | 67 | 235 |
| Other | 2,390 | 2,860 | 7,800 | 1,440 | 12,100 |
| Total | 85,900 | 26,300 | 24,300 | 14,300 | 64,900 |

p/ Preliminary.

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Data may change because of revisions.

3/ Includes bauxite imported into the U.S. Virgin Islands. Excludes calcined bauxite.

4/ Dry equivalent of shipments to the United States.

Source: Bureau of the Census, data adjusted by the U.S. Geological Survey.

TABLE 2
U.S. IMPORTS AND EXPORTS OF CALCINED BAUXITE, BY COUNTRY 1/

(Metric tons)

| Country | 1995 p/ | | 1996 | | | | | | | |
|-----------------|----------------|----------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|----------------|
| | | | First quarter | | Second quarter | | July - August | | Year to date 2/ | |
| | Refractory | Other | Refractory | Other | Refractory | Other | Refractory | Other | Refractory | Other |
| Imports: | | | | | | | | | | |
| Brazil | 2,650 | 37,500 | -- | 6,040 | 6,180 | 61 | -- | 42 | 6,180 | 6,140 |
| China | 131,000 | 154,000 | 61,200 | 48,100 | 8,390 | 23,800 | 70 | 43,200 | 69,700 | 115,000 |
| Guyana | 71,400 | -- | 9,230 | 25,800 | 15,100 | -- | 5,850 | -- | 30,200 | 25,800 |
| Other | 17,300 | 68,300 | 2,810 | 86 | 2,420 | 251 | 2,900 | 352 | 8,140 | 689 |
| Total | 223,000 | 259,000 | 73,300 | 80,000 | 32,100 | 24,100 | 8,820 | 43,600 | 114,000 | 148,000 |
| Exports: | | | | | | | | | | |
| Canada | 1,380 | 1,380 | 88 | 4,350 | 78 | 2,610 | 79 | 715 | 245 | 7,680 |
| Japan | 13,200 | -- | 7,210 | -- | -- | -- | 7,500 3/ | -- | 14,700 | -- |
| Mexico | 1,900 | 1,620 | 1,460 | 251 | 933 | 231 | -- | 431 | 2,390 | 913 |
| Other | 1,420 | 1,180 | -- | 95 | 20 | 321 | 1,100 | 279 | 1,120 | 695 |
| Total | 17,900 | 4,180 | 8,760 | 4,700 | 1,030 | 3,160 | 8,680 | 1,430 | 18,500 | 9,280 |

p/ Preliminary.

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Data may change because of revisions.

3/ All or part of these data have been referred to the Bureau of Census for verification.

Source: Bureau of the Census, data adjusted by the U.S. Geological Survey.

TABLE 3
U.S. IMPORTS FOR CONSUMPTION AND EXPORTS OF ALUMINA 1/

(Metric tons, calcined equivalent)

| Country | 1995 p/ | 1996 | | | |
|-------------|------------|---------------|----------------|-------------|--------------|
| | | First quarter | Second quarter | July-August | Year to date |
| Imports: 2/ | | | | | |
| Australia | 2,910,000 | 682,000 | 796,000 | 525,000 | 2,000,000 |
| Canada | 79,900 | 24,600 | 25,700 | 15,700 | 66,100 |
| India | 147,000 | 3,690 | 18 | 38,200 | 41,900 |
| Jamaica | 270,000 | 49,200 | 80,100 | 96,700 | 226,000 |
| Suriname | 305,000 | 67,300 | 108,000 | 55,000 | 230,000 |
| Trinidad | 116,000 | 38,600 | 47,000 | 31,900 | 118,000 |
| Other | 168,000 r/ | 46,800 r/ | 30,300 | 32,200 | 109,000 |
| Total | 4,000,000 | 912,000 | 1,090,000 | 794,000 | 2,790,000 |
| Exports: 3/ | | | | | |
| Brazil | 27,900 | 340 | 664 | 443 | 1,450 |
| Canada | 744,000 | 169,000 | 189,000 | 157,000 | 515,000 |
| Mexico | 39,500 | 12,500 | 11,700 | 6,740 | 30,900 |
| Russia | 138,000 | 20,500 | 33,600 | 120 | 54,200 |
| Other | 94,300 | 12,500 | 17,300 | 7,240 | 37,100 |
| Total | 1,040,000 | 215,000 | 252,000 | 171,000 | 638,000 |

p/ Preliminary. r/ Revised.

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Includes imports of aluminum hydroxide: 83,500 metric tons in 1995; 17,400 tons in the first quarter; 22,700 tons in the second quarter; 21,000 tons in July and August of 1996.

3/ Includes exports of alumina from the U.S. Virgin Islands to foreign countries. Includes exports of aluminum hydroxide: 41,700 metric tons in 1995; 9,840 tons in the first quarter; 12,400 tons in the second quarter; and 8,600 tons in July and August of 1996.

Source: Bureau of the Census, data adjusted by the U.S. Geological Survey.